

How can I help my child at home?

Reading & Writing

- Provide time and space for your child to read independently.
- Provide books, magazines, or other materials about hobbies or interests.
- Reading should be a social activity. Let different members of the family pick a book or article to be read or discussed together.
- Have your child persuade you in writing: asking for a privilege or permission. Have your child research that activity to support his idea.
- Have your child hand write thank you notes and birthday cards in complete sentences.
- Use technology to help build your child's interest in reading. There are several websites found on the Manchester K-8 resource page where student can read books or articles.

Mathematics

- Use everyday objects to allow your child to explore the concept of fractions. For example, have your child divide a pizza (or a healthy snack) between three people. Ask, "How much does each person receive?" (Each person would receive $\frac{1}{3}$ of the candy bar or snack).
- Have your child explain how to write fractions in different ways. For example, what are some different ways to write $\frac{4}{3}$? He or she could answer $4 \div 3$, $1 \frac{1}{3}$, $\frac{2}{3} + \frac{2}{3}$, $2 \times \frac{2}{3}$, $\frac{8}{6}$, $4 \times \frac{1}{3}$, etc.
- Ask your child to give you a fraction equal to a decimal. For example, what are two fractions that can be used to represent 0.6? Answers could include $\frac{6}{10}$, $\frac{60}{100}$, $\frac{12}{20}$, or $\frac{3}{5}$.
- Continue to work on addition, subtraction, multiplication and division facts.

Manchester Public Schools

45 North School Street, Manchester, CT 06042

Office of the Superintendent: (860) 647-3441

Office of Curriculum & Instruction: (860) 647-3447

Pupil Personnel Services: (860) 647-3448

<http://www.mpspride.org>

Bowers Elementary School

141 Princeton Street, Manchester, CT 06042
(860) 647-3313

Buckley Elementary School

250 Vernon Street, Manchester, CT 06042
(860) 647-3302

Highland Park Elementary School

397 Porter Street, Manchester, CT 06040
(860) 647-3430

Keeney Elementary School

179 Keeney Street, Manchester, CT 06040
(860) 647-3354

Martin Elementary School

140 Dartmouth Road, Manchester, CT 06040
(860) 647-3367

Robertson Elementary School

65 North School Street, Manchester, CT 06042
(860) 647-3372

Verplanck Elementary School

126 Olcott Street, Manchester, CT 06040
(860) 647-3383

Waddell Elementary School

163 Broad Street, Manchester, CT 06042
(860) 647-3392

Washington Elementary School

94 Cedar Street, Manchester, CT 06040
(860) 647-3332

Elisabeth M. Bennet Academy

1151 Main Street, Manchester, CT 06040
(860) 647-3571

Illing Middle School

227 East Middle Turnpike, Manchester, CT 06042
(860) 647-3400

Manchester High School

134 East Middle Turnpike, Manchester, CT 06040
(860) 647-3521

Bentley Alternative Education

134 East Middle Turnpike, Manchester, CT 06040
(860) 647-3342

Manchester Regional Academy

665 Wetherell Street, Manchester, CT 06040
(860) 647-3495

Manchester Preschool Center

60 Washington Street, Manchester, CT 06042
(860) 647-3502



A Parent Guide to District Curriculum



Grade 5

Adapted from Council of Great City Schools' Parent Roadmaps
<http://www.cgcs.org>

Initiatives and Changes

What are the Common Core State Standards?

The Common Core State Standards, adopted by Connecticut's State Board of Education in 2010, provide teachers, students and families with expectations of what students should know and be able to do at each grade level. These standards are designed to ensure that students graduate from high school and are prepared to meet the demands of college and the workforce.

What are the Common Core Shifts for English Language Arts and Mathematics?

English Language Arts:

- Regular independent reading using challenging fiction and non-fiction pieces.
- Effectively communicating (writing/speaking), especially arguing an idea or opinion supported by evidence.
- Applying reading skills to acquire knowledge of the world through non-fiction text.

Mathematics:

- Students are to learn more, but about fewer topics.
- Students will be instructed in highly rigorous topics.
- Students will be given instruction, practice and time to more deeply understand these topics.
- Knowledge and skills are strengthened within each grade and from grade to grade.
- Students will show their work, explain their thinking and defend their answers.

What is the Smarter Balanced Assessment?

The Smarter Balanced Assessment is Connecticut's new state test to assess students' learning of the Common Core State Standards. This test is taken on the computer during the spring in the areas of Mathematics and English Language Arts.

District Workshop Model

Manchester Public Schools is embracing the workshop model in the classroom, starting in the 2014-2015 school year, in grades K-8. Workshop is an approach to teaching major skills (math, writing, reading) in which teachers model concepts and skills, provide structured small group lessons, and allow for independent practice.

WHAT WILL MY CHILD LEARN IN...

English Language Arts

In grade five, your child will continue to build important reading, writing, speaking, and listening skills through more challenging pieces. Students will also be expected to understand and clearly summarize what they have learned from readings and classroom discussions, then speak and write about it using specific evidence and details from the text. Activities in these areas will include:

Reading: Identifying the theme/main idea of a story, play, poem or non-fiction piece; comparing ideas across several texts. Explaining how authors use reasons and evidence to support their points or ideas

Problem Solving: Drawing on information from multiple books, articles, or online sources to locate answers or to solve problems

Rules of Spoken and Written English: Grammar; correct use of punctuation, sentence structure and use

Class Discussions: Participation by listening, coming prepared, asking questions, sharing ideas, and building on the ideas of others

Oral Language: Giving class presentations on topics or telling stories, introducing relevant facts and details in a clear, logical order using visual/digital tools effectively

Writing: Writing narrative/stories, research or opinion papers with citations, over extended periods of time; participating in shared research and writing projects

Mathematics

In grade five, your child will develop an understanding of the place value system by working with decimals up to the hundredths place. Children will also add, subtract, multiply and divide fractions, including fractions with unlike denominators. Children will continue to expand their geometry and measurement skills. Activities in these areas will include:

Multiplication and Division: Quickly and accurately multiplying multi-digit whole numbers and decimals to hundredths; dividing numbers with up to four digits by two digit numbers

Exponents: Using exponents to express powers of 10; for example: in 10^2 , 2 is the exponent

Decimals: Reading, writing, and comparing decimals to the thousandths place; adding, subtracting, multiplying, and dividing decimals to the hundredths place

Numerical Expressions: Writing and interpreting mathematical expressions using symbols such as parentheses. For example, "add 8 and 7, then multiply by 2" can be written as $2 \times (8+7)$

Fractions: Using equivalent fractions as a strategy to add and subtract fractions; adding and subtracting fractions with unlike denominators; multiplying & dividing fractions by whole numbers and other fractions

Graphing: Graphing points in the coordinate plane to solve real world and mathematical problems

Measurement: Measuring volume; understanding concepts of volume and relating volume to multiplication and addition